



Data Sheet

RISH Compact Split Core CT

Current Transformer



Measure



Control



Record



Analyze



Optimize

Features

- Hinged split-core design for tool-free installation
- Compact footprint, ideal for space-constrained panels
- Two mounting options for busbar applications
- Built-in cable-tie points for faster fitting
- Safety shorting plug in the link
- M4-size terminals for standardized wiring
- 3m lead (1A output) / 1m lead (5A output)
- Wide range of current ratings available
- Latching snap-fit core for consistent contact
- Vibration-resistant design for demanding environments

Specification

Applicable Standard	IEC-61869-1&2/IEC-60044-1, BS 3938, IS 16227-1&2.
Rated continuous thermal current (Icth)	120% of Ipr
Rated short-time thermal current (Ith)	60xIn for Bus Bar type CT
Highest voltage for equipment (Um)	0.72 kV
Rated frequency (fr)	50Hz / 60Hz
Insulation Test Voltage	3kV, 1 min.
Insulation Class	E
Ambient temperature range	-25°C to +40°C
Storage temperature range	- 30°C to +60°C
Rated primary Current (Ipr)	50A to 600A
Suitable only for mounting on insulated primary conductor	
To be used in weather protected & dry location	
Accuracy Class	1 & 3
Connection	M4 screw with tightening torque of 2Nm



Measure



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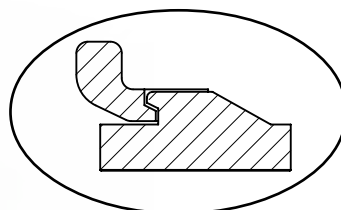
Record



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Locking Profile to avoid Accidental Opening

*** Used With Provided Cable & tighten with the torque of 2 Nm**



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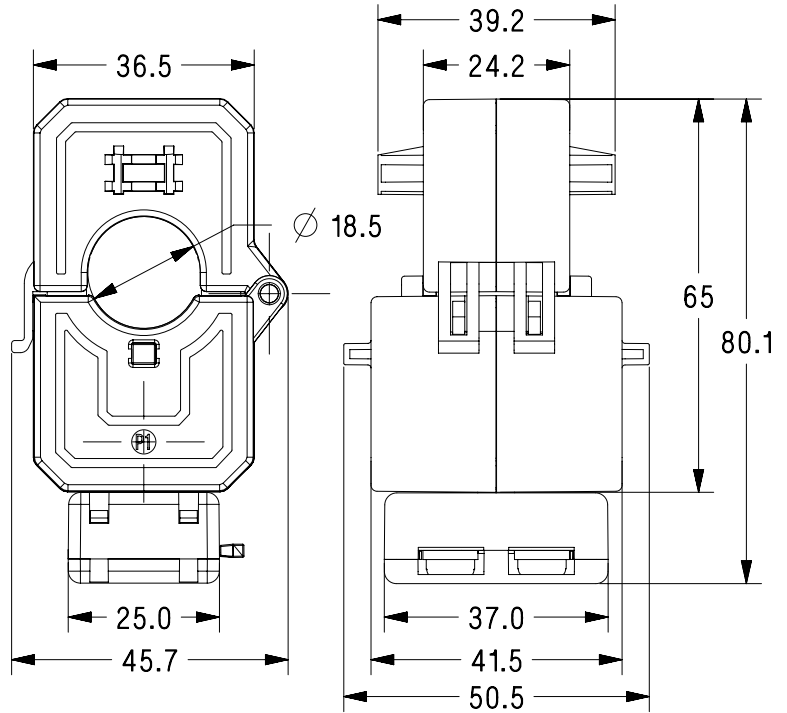


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Compact Split CT 36-18



Compact SC 36/18

Primary Current (A)	Secondary current 5A		Secondary current 1A	
	CL3	CL5	CL3	CL5
50	-	0.2VA	-	0.2VA
60	-	0.2VA	0.4VA	0.4VA
75	-	0.2VA	0.5VA	0.5VA
80	0.2VA	0.2VA	0.5VA	0.5VA
100	0.2VA	0.2VA	1.0VA	1.0VA
125	0.3VA	0.3VA	1.0VA	1.0VA
150	0.5VA	0.5VA	1.0VA	1.0VA

All dimensions are in mm



Measure



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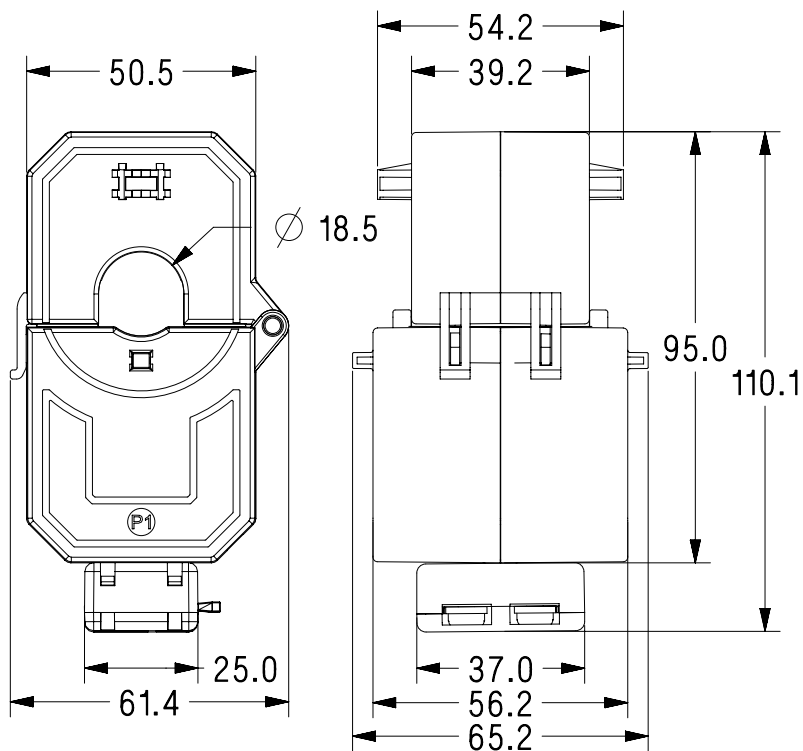


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Compact Split CT 50-18



Compact SC 50 /18

Primary Current (A)	Secondary current 5A			Secondary current 1A		
	CL 0.5	CL1	CL3	CL0.5	CL1	CL3
100	-	0.5*VA	1.0VA	-	0.3VA	1.0VA
125	-	0.5VA	1.0VA	-	0.5VA	1.0VA
150	-	1.0VA	1.0VA	-	1.0VA	1.0VA
200	-	1.5VA	1.5VA	0.2VA	1.5VA	1.5VA
250	0.5VA	2.0VA	2.0VA	0.5VA	2.5VA	2.5VA
300	1.0VA	3.75VA	3.75VA	1.0VA	3.75VA	3.75VA

*Class 1 (phase angle < 2 degrees for 100A at 50% rated current)

All dimensions are in mm



Measure



Control



Record

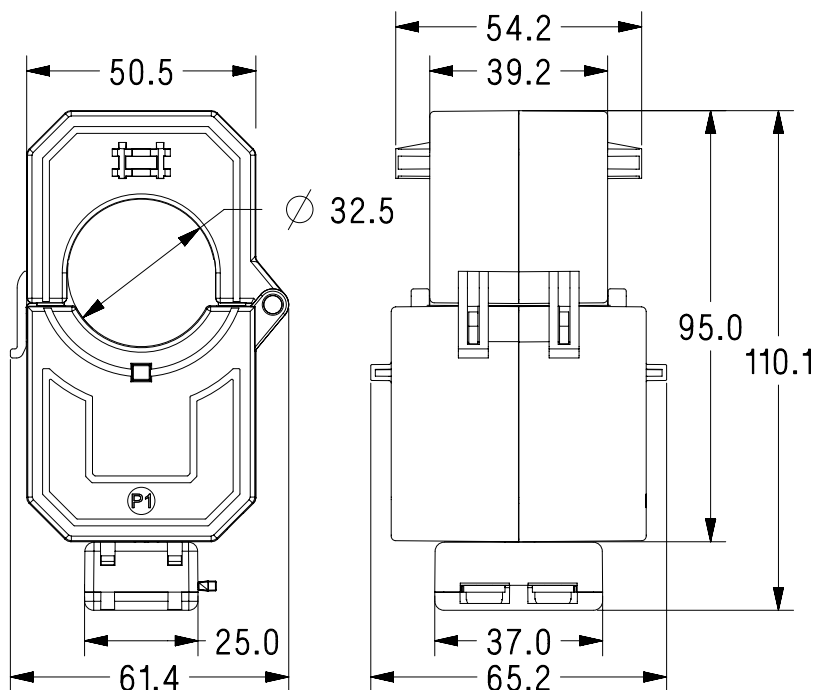


Analyze



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Compact Split CT 50-32



Compact SC 50/ 32

Primary Current (A)	Secondary current 5A			Secondary current 1A		
	CL 0.5	CL1	CL3	CL0.5	CL1	CL3
100	-	-	0.2VA	-	-	0.2VA
125	-	-	0.2VA	-	-	0.2VA
150	-	-	0.4VA	-	-	0.4VA
200	-	0.2VA	0.5VA	-	0.2VA	0.5VA
250	-	0.5VA	0.5VA	-	0.5VA	0.5VA
300	-	1.0VA	1.0VA	-	1.0VA	1.0VA
400	-	1.5VA	1.5VA	0.5VA	1.5VA	1.5VA
500	1.0VA	1.75VA	1.75VA	1.0VA	1.75VA	1.75VA
600	1.0VA	2.5VA	2.5VA	1.0VA	2.5VA	2.5VA

All dimensions are in mm



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Specifications may change without prior notice



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